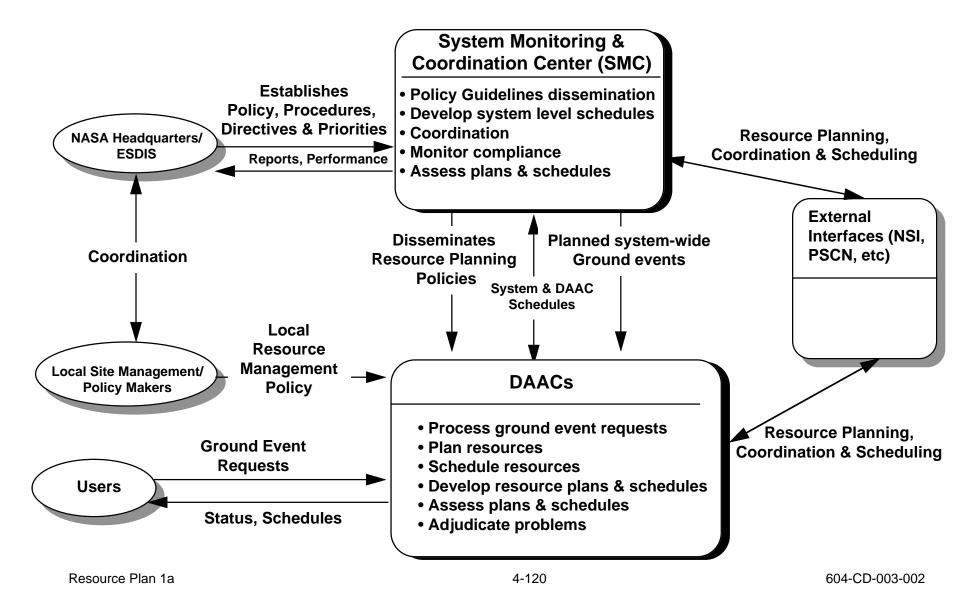
Organizational Interfaces



Roles

ESDIS

Sets the priority and policies regarding resource planning.

SMC

 Provides system-wide policy implementation regarding planning of resources at individual sites and element locations by planning high level directives for system-wide ground events.

DAAC

- Manages local operations and site resources.
- Schedules local ground event resources.
- Provides a means for the SMC to monitor the local ground resources.

Process

- A ground event activity is planned and submitted to the resource planner for resources to be scheduled.
- The resource planner enters the ground event data into the resource planning system via the system GUI display.
 - Primarily this data includes the following:
 - » ground event type
 - » description of resources required
 - » start time (start time of ground event implementation)
 - » duration (dates related to ground event servicing)
 - The operator has the capability to create a new site resource schedule (daily, weekly, monthly, etc.) or to modify an existing schedule.
- After required data is entered, the operator submits the data to the resource scheduling system.
- The resource planning system analyzes the requests, schedules the appropriate resources, and presents the candidate integrated schedule to the resource planner.
- Adjudication of schedules are handled locally for sites and the SMC adjudicates for any inter-DAAC problems.

Process (cont.)

- After adjudication the final site resource schedule is distributed to the site operators, external users, and the SMC. SMC enters site schedules into system resource scheduler in similar fashion.
- A timeline view of resource allocation to events is provided to the resource planner. Resource requests not yet placed on the plan are available to the resource planner.

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Process Flow

INPUT GROUND EVENT REQUESTS

Originator: e.g. Developer, Operator, Maintainer, etc.

- Creates Input request specifying: Ground event activities, Requested schedule, resources required, deadline, impacts, dependencies, etc.
- Submits completed request, approved by requestor's mgmt., to Site Ops Resource Planner/SMC Resource Planner.

Gnd

ASSESS/APROVE REQUESTS

Resource Planner and affected Ops organization

- Site/SMC Resource Planner reviews request and Assigns to Lead (from affectedOps support organization) for review, assessment and coordination based on Ops support requirements and impact level:
 - a) System activity (coord. by SMC)
 - b) DAAC Activity impacting outside DAAC with SMC and others impacted
 - c) DAAC Activity with no external impact: Coordinated with other site org.
- Responsible Lead Assess/Updates request with Requestor.
- Submits to Ops organization Lead for approval to return to Resource Planning.

- input.
- Electronically distributed

Resource Planning Service (RPS):

• Provides Form, instructions and prompted

RPS allows for:

- Electronic distribution
- Review and update



FORMAT

ACTION

SUMMARY

WHO

ACTION

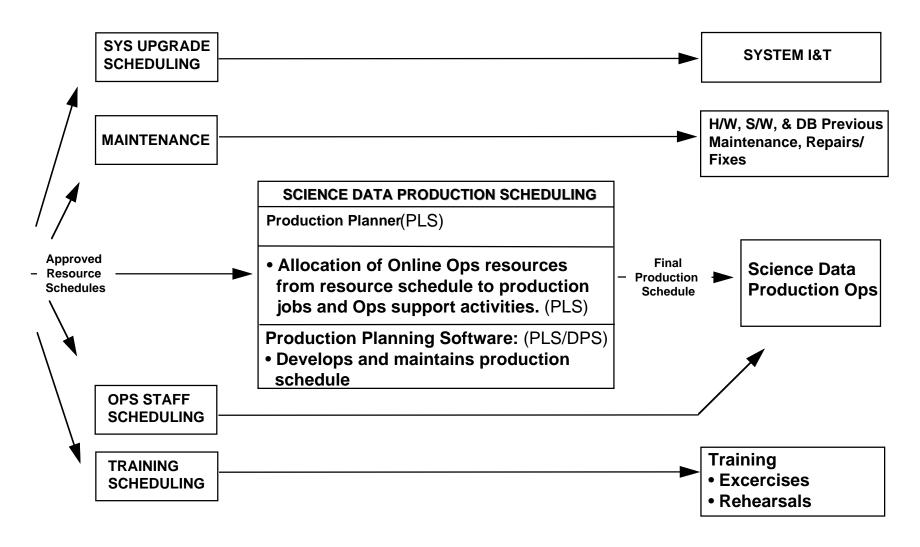
TOOLS

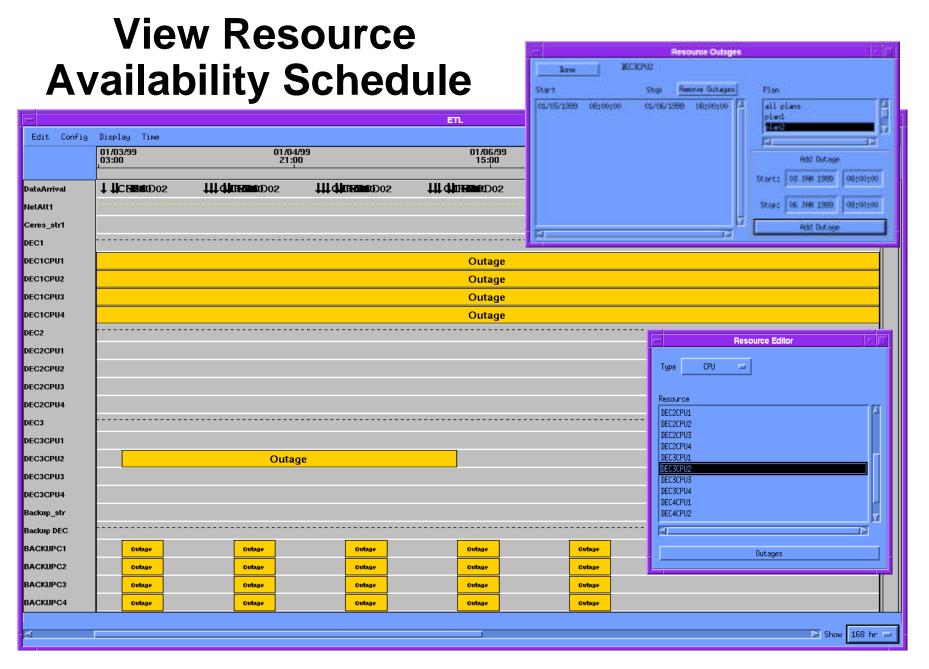
Process Flow (cont.)

	Proposed	Resource Plans
	RESOURCE PLAN DEVELOPMENT	RESOURCE PLAN PLANNING MEETINGS
Science Production Plan/Req(s) Production Planner Approved Requests	Site(s)/SMC Resource Planner(s)	Site(s)/SMC Resource Planner(s), Site M&O & Sponsors of requests
	 Sites(s) Resource Planner/SMC Resource Planner for Local resource planning. Resource Planner reviews resource requirements, assesses impacts and integrates into Monthly/Weekly/Daily resource plans. Transmits candidate site resource plan to all Site Ops support organizations for reviews. If required, Coordinates with External Resource/SMC planner(s). 	 Site Resource Planner conducts Monthly, Weekly, Daily site resource scheduling meetings for site management review and approval. Plans finalized, approved & distributed.
	RPS allows for : • Automatic Plan creation and modification. Can extract/subset portions of plan. • Electronic distribution • Review and update	RPS provides for: • Electronic distribution • Review and update

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Process Flow (cont.)





Candidate Plan View

